


**Date:** June 24, 2011

**To:** Penelope Townsley, Director  
Department of Small Business Development

  
**From:** Rodney McMillan  
Special Project Administrator  
Public Works Department

**Subject:** Notice of Construction Project:  
Contract No: CICC 7360-0/08  
Request for Price Quotation (RPQ)  
RPQ No. 20110089  
Roadway Resurfacing Contract

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## **RECOMMENDATION**

Contracts and Specifications staff has evaluated the subject project and recommends Community Small Business Enterprise (CSBE) Trade Set-asides based on this Work Order generated project and construction sub-trades required to perform and complete the construction work. The cost estimate is \$767,835.38. The Public Works Department (PWD) staff checked the availability of CSBE Subcontractors and has attached the PWD Project Measure Analysis and Recommendation findings along with other supporting documents for consideration. PWD staff met with the Department of Small Business Development's (SBD) Construction Manager in an effort to seek out additional opportunities for CSBEs. The Community Workforce Program (CWP) is not applicable to this project. PWD received a response from the Geocode System which determined that the work locations are not in a Designated Target Area (DTA).

## **BACKGROUND**

Asphalt surfaces have a typical service life of 8 to 12 years, depending on traffic and weather conditions. Asphalt resurfacing is necessary when the asphalt surface has reached the end of its service life or if other methods of restoration cannot repair the roadway. This project is needed for the construction of new asphalt surfaces throughout Miami-Dade County that will improve driving conditions as well as the aesthetics of the roadway. Asphalt resurfacing is a multi-step process that usually involves several work crews, accompanied by proper construction signs and work-zone traffic control measures to maintain public safety.

If any additional information is needed, please call me at (305) 375-5320, or Frank Aira at (305) 375-2930.

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RC Action  
20110089

RM/rm

Attachments (2)

C: Kelly Duncombe, SBD  
Ileana Quintana, SBD  
Bassam Moubayed, SBD  
Frank Aira, PWD  
Alicia Arce, PWD  
Project File

**DEPARTMENT INPUT**  
**CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION**

Check applicable Ordinance(s): ☒ 90-143 Responsible Wage and Benefits ☒ 03-237 (formerly 03-1) Community Workforce Program

**PROJECT INFORMATION** See attachment ☒

Contract/Project/\*Work Order No.: **20110089**

\*Reference corresponding project number when submitting a work order

Contract/Project Title: **Roadway Resurfacing Project**

Description/Scope of Work: **See Attached**

Estimated Cost: **767835** Funding Source: **Other (specify)**

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23<sup>rd</sup> Ct or Starts at 135 St. ends at 145 St.

**Various, please see attached**

**PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP)** See attachment ☒

Engineer/Department or Agency's estimated required workforce for Project ☐ Work Order ☒:

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job
Supervisor	1	240
Foremen	1	240
Operator	2	240

Comments: Please note the estimated number of days to complete the job may not be equal to actual amount of days indicated above.

**PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE)** See attachment ☒

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
	\$	%	
	\$	%	
	\$	%	

**RECOMMENDATION**

Set-Aside: Level 1 ☐ Level 2 ☐ Level 3 ☐ Trade Set-Aside ☒ Sub-Contractor Goal ☐ Workforce Goal ☐ No Measure ☐

**Basis for Recommendation: CSBE availability and Geocode revealed construction work to be performed is not within a Designated Target Area (DTA)**

Date submitted to DBD: **06-24-11**

Contact Person: **Rodney McMillian or Frank Aira**

Telephone No.: **305-375-5320**

**DEPARTMENT INPUT**  
**CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION**

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**Various, please see attached**

**PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP)** See attachment ☒

Engineer/Department or Agency's estimated required workforce for Project ☐ Work Order ☐:

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job
Laborers	6	240

Comments: Please note the estimated number of days to complete the job may not be equal to actual amount of days indicated above.

**PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE)** See attachment ☒

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
	\$	%	
	\$	%	
	\$	%	

**RECOMMENDATION**

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**Contact Person: Rodney McMillian or Frank Aira**

**Telephone No.: 305-375-5320**

**Miami-Dade County Public Works Department Input  
Contract/Project Measure Analysis and Recommendation**

To: Penelope Townsley, Director  
Department of Small Business Development

From: Rodney McMillian  
Special Project Administrator  
Public Works Department

Date: Friday, June 24, 2011

Department: Public Works

Contract Type:

CICC 7360 – Single Trade

Project No.:

20110089

Re-submittal: ☐

☒ No

Contract/Project Title:

Roadway Resurfacing Contract

Standard Industrial Code (SIC):

16-Highway and Street Construction

Estimated Project Cost:

\$767,835.38

Funding Source:

Road Impact Fee (RIF)

Bonding Requirements: Bid Bond– 5% of Base Bid Amount  
Performance Bond– 100% of Contract Award Amount

Method of Award: Line Item

**Miami-Dade County Public Works Department Input  
Contract/Project Measure Analysis and Recommendation**

Project No.: 20110089

Project Title: Roadway Resurfacing Contract

**Detailed Scope of Work:**

Work under this Contract includes furnishing of all supervision, labor, materials, tools, equipment and performing all operations required to construct the Work in accordance with the Contract Documents.

The work required for this Contract shall include, but is not limited to, the following: Milling and resurfacing, widening and resurfacing of intersecting streets, resurfacing of asphaltic pathways (pedestrian, bicycle, etc.) adjacent or not to the edge of pavement as necessary, temporary utility repairs (cold patches), clearing and excavating of shoulder areas or build-up, as directed by the Engineer; grading and clean-up of adjacent shoulders and removal of roots, as required, pavement markings including the installation of reflective pavement markers (blue/blue) at fire hydrant locations.

Resurfacing work may include any of the following:

- A. APPLICATION OF ASPHALTIC CONCRETE SURFACE COURSE TO EXISTING WEARING COURSE.
- B. Application of asphaltic concrete leveling courses to existing wearing surfaces prior to and in preparation for item (a) above.
- C. Application of asphaltic concrete to previously primed rock roads.
- D. Resurfacing of private driveways shall be limited to feathering of the asphaltic concrete mat to a point two (2) feet from the edge of the roadway. Resurfacing of the remainder of private driveways is expressly prohibited under this Contract, unless directed by the Engineer.
- E. The contractor shall adjust all storm water, water and sewer valves and manholes prior to resurfacing. All adjustments shall be made by the built-up method, not by the use of adjustment of rings.
- F. If any changes are required due to conflict of design and or field conditions, the Engineer will make the final determination.
- G. If any changes are required due to conflict of design and or field conditions, the Engineer will make the final determination.
- H. The Contractor and all subcontractors, under this Contract, are prohibited from performing any work, other than specified in the Contract and/or directed by the Engineer, within the limits of the project site, without prior written notification to the Engineer. This includes any work for private or commercial entities.

**Miami-Dade County Public Works Department Input  
Contract/Project Measure Analysis and Recommendation**

**Required Contractor's Certification:**

At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active Certificate of Competency as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Project's Scope of Work, in one or more engineering crafts to include Paving Engineering. The Specialty Contractor shall subcontract with a qualified contractor any work which is incidental to the specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering Specialty for which certified.

Pursuant to Section 255.20, Florida Statutes (F.S.) and in lieu of the above, the County may consider a bid from a Bidder that is a duly licensed Contractor in good standing that has been pre-qualified and considered eligible by the Florida Department of Transportation (FDOT) under Section 337.14, F.S. and Chapter 14-2, Florida Administrative Code, to perform the work described in the Contract Documents. Contractors seeking consideration under this paragraph shall submit along with the Bid Documents for review and consideration, current copy (ies) of their FDOT Certificate(s) of Qualification, Certification of Work Underway, and Status of Contract(s) On Hand. Acceptable FDOT prequalification(s) necessary to perform the work specified in the Project's Scope of Work shall include the Flexible Paving Work Class.

Additional Information – Permits, Licenses, Certifications, and General Regulations

Permits that are issued by the Public Works Department, Miami-Dade County for construction within the public right-of-way, as well as additional permits, which may be required by other municipalities or agencies, including those required for tree removal, **will be the responsibility of the Contractor.**

County Road Construction Projects – NO PERMITS issued to sub-contractors. Except work related to Traffic Signalization, School Flashing Signals, Internally Illuminated Street Name Sign (IISNS), Street lighting, and Traffic Signal Loops which will require a separate permit issued to an Electrical Contractor to perform such work.

**Miami-Dade County Public Works Department Input  
Contract/Project Measure Analysis and Recommendation**

Project No.: 20110089

Project Title: Roadway Resurfacing Contract

**Areas for possible measures:**

Traffic Control:

Traffic Stripes and Markings; Painted and / or Thermoplastic

Structures:

Adjusting / Reconstruct Existing Structures; manholes, catch basins, inlets, valve boxes, etc.

**Areas recommended for CSBE Subcontractor Goal:**

Traffic Stripes and Markings

Adjusting / Reconstruct Existing Structures

**Contract Measure Recommendation:**

☐ No Measure

☐ Set-Aside:

Level I

Level II

Level III

☒ Trade Set-Aside(s):

Traffic Stripes and Markings: Painted and/or Thermoplastic  
Adjusting / Reconstruct Existing Structures

☐ Aggregate Set-Aside

☐ CSBE Subcontractor Goal

☒ CWP: Not Applicable, Work Order locations do not appear to be in a DTA.

- Flight Line Rd from St. Nazaire Blvd to Scheweinfurt Rd
- Scheweinfurt Rd from St. Lo Blvd to Flight Line Rd
- St. Lo Blvd from St. Nazaire Blvd to Scheweinfurt Rd
- Pilsen Rd from St. Lo Blvd to Flight Line Rd
- St. Nazaire Blvd from St. Lo Blvd to Flight Line Rd
- VIP Parking Lot #2A
- VIP Parking Lot #2B

☐ DBE Subcontractor Goal



**Miami-Dade County Public Works Department Input  
Contract/Project Measure Analysis and Recommendation**

Project No.: 20110089

Project Title: Roadway Resurfacing Contract

Reason for Recommendation:

This is a single trade project; none of the primary trade related work (Resurfacing) can be subcontracted as per the Miscellaneous Construction Contract (MCC) specifications. Additionally, staff has met with the design engineer, construction project manager, and members of the industry and concluded that there is ancillary work which is required to complete the project which may be subcontracted. Ancillary work includes; Traffic Stripes and Markings, and, Adjusting / Reconstruct Existing Structures. This is a Countywide, Work Order generated project for which estimated quantities are established for line items utilized during construction instead of estimated dollar amounts. The aforementioned ancillary work may be minimal for each work order and may or may not be required on all Work Order (WO) locations identified during Contract duration. Therefore, PWD is recommending CSBE Trade Set-Asides which may or may not be utilized upon expiration of the Contract. This type of specialized work is associated with a limited number of licensed small business enterprise firms that are prime contractors. Also, this type of work is highly specialized and requires special equipment that is typically owned by the contractor.

Comments:

None.

CSBE Prime History of similar Contracts/Projects for previous three years:

None

Similar Projects previously submitted for RC Action:

Resurfacing with Overall Goal

RPQ No. 20070564-7360-\$1,000,000.00

RPQ No. 20070565-7360-\$1,000,000.00

RPQ No. 20070566-7360-\$1,000,000.00

RPQ No. 20070567-7360-\$1,000,000.00

RPQ No. 20070568-7360-\$1,000,000.00

PTP Traffic Signal Installation Contract Countywide with Overall Goal

Project No. 20070603-Capital-\$1,500,000.00

Project No. 20070604-Capital-\$1,500,000.00

**Miami-Dade County Public Works Department Input  
Contract/Project Measure Analysis and Recommendation**

Project No.: 20110089

Project Title: Roadway Resurfacing Contract

Scope of Work History Summary – Subcontracting Opportunities:

Areas recommended for CSBE Goal (PWD/SBD):

Concrete work and Traffic Stripes and Markings: Painted and Permanent

Areas used to meet subcontractor goal (Awarded Contractor):

Not applicable

RPQ No.:	CSBE Contract Measure:	Amount achieved:
RPQ No. 20070564	10% Overall Subcontractor Goal	Awarded 1/29/08
RPQ No. 20070565	10% Overall Subcontractor Goal	Awarded 11/28/07
RPQ No. 20070566	10% Overall Subcontractor Goal	Awarded 11/28/07
RPQ No. 20070567	10% Overall Subcontractor Goal	Awarded 1/29/08
RPQ No. 20070568	10% Overall Subcontractor Goal	Awarded 1/29/08
Project No. 20070603	9% Overall Subcontractor Goal	Awarded 5/29/08
Project No. 20070604	9% Overall Subcontractor Goal	Awarded 5/29//08

Resurfacing Estimate for Interior Roads and Parking Lots (International Air Show Event - HAFB)



Location: #6- Flight Line Rd from ST Nazaire Blvd to Schweinfurt Rd / #8- Schweinfurt Rd from ST Lo Blvd to Flight Line Rd / #9- ST Lo Blvd from ST Nazaire Blvd to Schweinfurt Rd / #10- Pilsen Rd from ST Lo Blvd to Flight Line Rd / #11- St Nazaire Blvd from ST Lo Blvd to Flight Line Rd / #12- Homestead Air Reserve Base - VIP Parking Lot # 2A / #13- Homestead Air Reserve Base - VIP Parking Lot # 2B

ITEM #	DESCRIPTION	UNIT	QTY	Average Price	TOTAL
1WSR	SAW CUT EXIST. TRENCH & REM. EXIST. COLD PATCH	S.F.	4,073	\$3.50	\$14,255.50
2WSR	REPLACEMENT OF BASE & COLD PATCH (8") & 6" ASPHALT	S.F.	31,360	\$6.50	\$203,840.00
4WSI-A	NIGHT DIFFERENTIAL FOR PAVING REPAIR	P.N.	1	\$750.00	\$750.00
5WSI-A	NIGHT DIFFERENTIAL FOR MILLING	P.N.	1	\$750.00	\$750.00
6WSI-A	NIGHT DIFFERENTIAL FOR RESURFACING	P.N.	1	\$750.00	\$750.00
101-327A	MOBILIZATION FOR MILLING	PER/SEC	1	\$700.00	\$700.00
102-74-2	BARRICADES (Temporary, Type III, 6')	EA/DAY	1	\$0.65	\$0.65
102-74-3	BARRICADES Type I, II (w/ High intens. Flash lights)	EA	5	\$0.50	\$2.50
102-76	FLASHING ARROW BOARD (Temporary)	EA/DAY	1	\$20.00	\$20.00
102-77	HIGH INTENSITY FLASHING LIGHTS (Temp. Type B)	EA/DAY	1	\$1.00	\$1.00
102-8A	RE-GRADE EXISTING SWALE (without sod)	S.Y.	50	\$5.00	\$250.00
102-91-4	TEMPORARY MESSAGES (Only, Merge, School, RR)	EA	10	\$40.00	\$400.00
102-91-7	TEMPORARY DIRECTIONAL ARROWS(White or Yellow) Paint	EA	2	\$25.00	\$50.00
102-91-1A	SOLID TEMP.PAV. MARKING (YELL/WHT) (any width Paint)	L.F.	1,000	\$0.20	\$200.00
102-60A	WORK ZONE SIGNS	EA/DAY	70	\$1.00	\$70.00
102-91A	SKIP TEM.PAV. (10' x 30' YELL/WHT)(any width Paint)	L.F.	100	\$0.30	\$30.00
110-4	REMOVAL EXISTING PAVEMENT	S.Y.	25	\$3.00	\$75.00
120-1	REGULAR EXCAVATION	C.Y.	50	\$6.00	\$300.00
120-2-2	BORROW EXCAVATION	C.Y.	50	\$5.50	\$275.00
120-2-3	EMBANKMENT FOR ROAD BUILD-UP	C.Y.	35	\$6.50	\$227.50
120-2-4	EMBANKMENT MATERIAL FOR SHOULDER	C.Y.	50	\$6.50	\$325.00
160-4	TYPE "B" STABILIZATION (12" Thick)	S.Y.	50	\$3.00	\$150.00
210-1-2	LIMEROCK BASE (8" double course primed)	S.Y.	50	\$12.00	\$600.00
327-70	MILLING EXISTING PAVEMENT (1")	S.Y.	15,270	\$2.25	\$34,357.50
334-2-13-1	HOT MIX ASPHALT, TRAFFIC C, SP-9.5	TON	3,805	\$72.00	\$273,960.00
337-8-42	HOT MIX ASPHALT FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TON	500	\$80.00	\$40,000.00
425-4(2)	ADJUSTING INLETS	EA	1	\$150.00	\$150.00
425-5	ADJUST MANHOLE	EA	6	\$300.00	\$1,800.00
425-6	ADJUST EXISTING VALVES BOXES	EA	12	\$175.00	\$2,100.00
425-721E	Removal, disposal & pick up new frames at MDWS & install MH	E.A.	1	\$350.00	\$350.00
425-721F	Remov, disposal & pick up new at MDWS & install Water Valves	E.A.	1	\$225.00	\$225.00
425-944B	RECONSTRUCT MANHOLE	E.A.	1	\$300.00	\$300.00
575-1-1	SODDING (PENSACOLA BAHIA OR MATCH EX.)	S.Y.	60	\$3.50	\$210.00
700-40-01	ROADSIDE SIGNS (single post) (less than 12 S.F.)	AS.	46	\$250.00	\$11,500.00
700-46-22	RESET EXISTING POST AND SIGN	EA	2	\$50.00	\$100.00
705-71-361	36" TUBULAR DELINEATOR	EA	5	\$48.00	\$240.00
706-1-12	REFLECTIVE PAVEMENT MARKERS (mono/bi-direct all colors)	EA	289	\$4.00	\$1,156.00
711-3	PAVEMENT MESSAGES (Only, Merge, School, RR) THERMO	EA	2	\$110.00	\$220.00
711-4	DIRECTIONAL ARROWS THERMO	EA	2	\$55.00	\$110.00
711-5	GUIDELINES (6" 2' x 4") WHT THERMO	L.F.	25	\$1.00	\$25.00
711-7	REMOVE EXISTING PAVEMENT MARKINGS	S.F.	10	\$2.50	\$25.00
711-11-121	SOLID TRAFFIC STRIPE (6"WHITE) THERMO	L.F.	2,650	\$0.60	\$1,590.00
711-11-122	SOLID TRAFFIC STRIPE (8"WHITE) THERMO	L.F.	60	\$0.80	\$48.00
711-11-123	SOLID TRAFFIC STRIPE (12" WHITE) THERMO	L.F.	1,320	\$1.50	\$1,980.00
711-11-124	SOLID TRAFFIC STRIPE (18" WHITE) THERMO	L.F.	45	\$2.00	\$90.00
711-11-125	SOLID TRAFFIC STRIPE (24" WHITE) THERMO	L.F.	308	\$2.50	\$770.00
711-11-221	SOLID TRAFFIC STRIPE (6"YELLOW) THERMO	L.F.	3,000	\$0.60	\$1,800.00
711-11-224	SOLID TRAFFIC STRIPE (18" YELLOW) THERMO	L.F.	35	\$2.00	\$70.00
711-2A	SKIP TRAFFIC STRIPE (4" WHT/YELL 6' x 10') THERMO	L.F.	90	\$1.15	\$103.50
711-33-34	SKIP TRAFFIC STRIPE (4" WHT/YELL 10' x 30') THERMO	L.F.	100	\$0.75	\$75.00
711-35-41	SOLID TRAFFIC STRIPE (4"WHITE) THERMO	L.F.	42,780	\$0.50	\$21,390.00
711-36-41	SOLID TRAFFIC STRIPE (4"YELLOW) THERMO	L.F.	40	\$0.50	\$20.00
711-33A	SKIP TRAFFIC STRIPE (6" WHT/YELL 10' x 30')	L.F.	1,410	\$0.90	\$1,269.00
110-4-1D	REMOVAL AND REPLACE CONCRETE CURB AND GUTTER	L.F.	10	\$5.00	\$50.00
110-4-2A	Removal of Existing Concrete Sidewalk (up to 8" thick, including base preparation)	S.Y.	10	\$8.00	\$80.00
522-1(1)	Concrete Sidewalk [4" thick, 3,000 psi concrete at 28 days (Includes the cost of pedestrian ramps and sidewalk	S.Y.	10	\$40.00	\$400.00
522-2	Concrete Sidewalk (6" thick, 3,000 psi concrete at 28 days) (Including pedestrian ramps and sidewalk curbs)	S.Y.	10	\$44.00	\$440.00
527-2	DETECTABLE WARNING ON WALKING SURFACE	S.F.	20	\$48.00	\$960.00
710-3S	PAVEMENT MESSAGES (Symbol Paint)	EA	14	\$26.00	\$364.00
CONTRACT BASE AMOUNT					\$622,350.15
999-02	CONTINGENCY ALLOWANCE (10% BASE ESTIMATE)	L.S			\$62,235.02
102-1P	MAINTENANCE OF TRAFFIC (2%)				\$12,447.00
300-1-999	BITUMINOUS MATERIAL ADJUSTMENT	N/A			\$0.00
990	ALLOWANCE PERMITS	L.S			\$1,000.00
TOTAL COST					\$698,032.17
	CEI Estimated Cost (10%)	L.S			\$69,803.22
TOTAL ESTIMATED COST					\$767,835.38

The collage consists of three distinct screenshots from a Windows 95 environment:

- Left Screenshot:** An "Address Not Found" dialog box is open over a "New Entry Form" window. The form contains fields for "ST ID#1", "ST Name1", "ST Type", "ST ID#2", "ST Name2", "ST Type2", and "Zip (ZIP)". There are "Find Address" and "Add to list" buttons. Below the form is a list of addresses with radio buttons for selection.
- Middle Screenshot:** A "Windows Internet Explorer" error dialog box is displayed over a background image of a motorcycle racer. The message reads: "Address #2 could not be generated. Make it active, correct it, may need a ZIP Code, and submit again." with an "OK" button.
- Right Screenshot:** A web browser window showing a multi-page document. The document features a large image of a motorcycle racer and several text blocks. The browser's address bar and menu bar are visible at the top.